LE PETOMANE XXVII, INC., NOT INDIVIDUALLY BUT SOLELY AS ENVIRONMENTAL RESPONSE TRUST TRUSTEE

MAY 4, 2016 STAKEHOLDERS CALL

SUPPLEMENTAL INFORMATION PACKAGE

MAY 4, 2016 STAKEHOLDERS CALL

SUPPLEMENTAL INFORMATION PACKAGE

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TRUST FINANCIAL UPDATE

MAY 4, 2016 STAKEHOLDERS CALL



ASSET CONSULTING GROUP

NEVADA ENVIRONMENTAL RESPONSE TRUST

FINANCIAL UPDATE

Asset Consulting Group (ACG) has emerged as NERT's recommended Investment Consultant.

- Oversight of portfolio managers is their only business
- Approximately 100 clients with portfolios in excess of US \$1B
- Proposed annual fee of \$160,000 to include the following scope:
 - Continuous monitoring of investment transactions
 - Continuous monitoring of fees and expenses
 - Attendance in monthly investment analysis meetings
 - Attendance in the annual Stakeholder meeting
 - Preparation of quarterly reports concerning the performance of US Bank and the NERT portfolio

Current Status

NERT is currently negotiating the ACG Engagement Agreement and will seek approval from NDEP and the US EPA to enter into an initial one year engagement of ACG

FINANCIAL UPDATE

	ADMINISTRATIVE ACCOUNTS			5	IVIRONMENTAL ACCO	DUNIS
Initial Funding	\$	8,602,853		\$	72,419,165	
Anadarko Proceeds (100% of Tax Reserve)	\$	56,375,027		\$	1,071,125,508	
Account Balances (As of April 30, 2016)	\$	59,537,264		\$	1,109,652,101	
Cash	\$	220,564	0.4%	\$	4,843,007	0.4%
U.S. Obligations	\$	48,798,770	82.0%	\$	938,922,560	84.6%
Corporate Bonds	\$	8,628,812	14.5%	\$	129,981,790	11.7%
Equities	\$	1,889,119	3.2%	\$	35,904,744	3.2%
Distribution (Northem Trust / US Bank)		5.0% / 95.0%			3.0% / 97.0%	

Monthly NERT holdings report to be issued to NERT Stakeholders 5/20/16

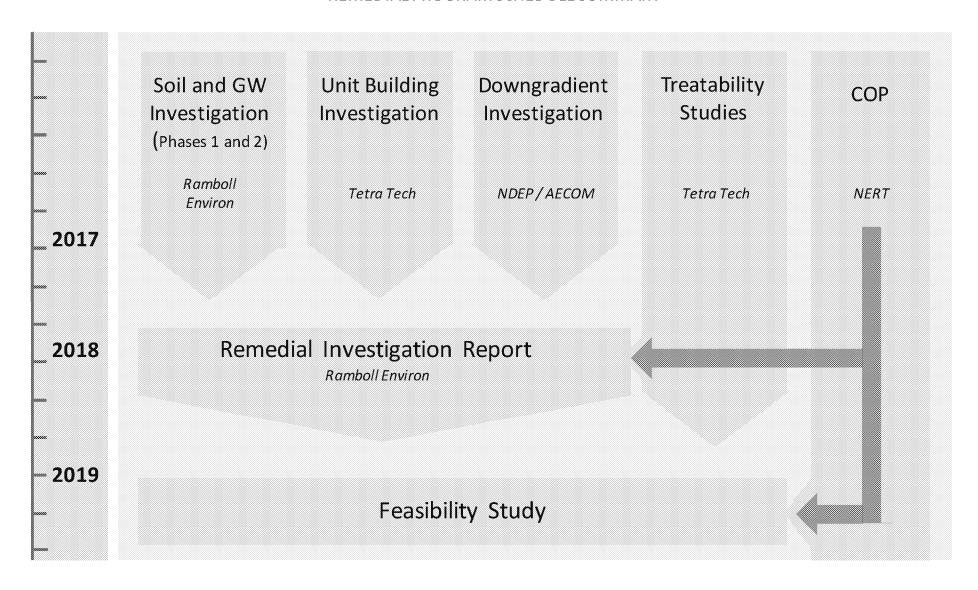
	TRUST	CLAIN	IS SUMMARY		
AIG BMI Claims	\$ 4,000,518		DOD Demands (-2014)	\$ 7,265,929	
AIG BMI Recovery	\$ 3,857,309	96%	DOD Recovery (-2014)	\$ 6,969,823	96%

NERT REMEDIAL INVESTIGATION

MAY 4, 2016 STAKEHOLDERS CALL



REMEDIAL PROGRAM SCHEDULE SUMMARY



NERT REMEDIAL INVESTIGATION

	TASK	LEAD	COMPLETED SUBTASKS	CURRENT STATUS	TASK PROGRESS
1.2	Soils Investigation	Ramboll Environ	 All field investigation and sampling, waste disposal, demobilization, and field data compilation complete (except for 8 AP-5 Pond area soil borings). 	 AP-5 soil sampling pending completion of AP-5 decommissioning (2017). 	90%
1.3	Soils Investigation (Unit Buildings)	Tetra Tech	 Crew mobilization – Mid-March Vibration monitoring – Mid-March Crack repair – Mid-April 	 1st Mobilization Report under Trust review Saw cutting - Mid-April, on-going Demolition - April 13, on-going Complete demolition - end June 2nd Mobilization - July to November 	70% (to end of demolition)
1.4	Groundwater Investigation	Ramboll Environ	 All field investigation and sampling, waste disposal, demobilization, and field data compilation complete (except for 8 AP-5 Pond area groundwater samples and transducer installation in wells near Las Vegas Wash). SWF Flow Quantification and RI monitoring well 1st Quarter sampling complete. 	 SWF Flow Quantification data evaluation in progress. Quarterly sampling of monitoring wells installed during the RI in progress. Transducer installation in wells near wash pending SNWA's weir construction activities. Phase 2 field investigation pending NDEP approval of tech memo and work plan. 	80%

NERT REMEDIAL INVESTIGATION

	TASK	LEAD	COMPLETED SUBTASKS	CURRENT STATUS	#ASK PAKOTO; (ESS)
1.5	Treatability Study: Groundwater Bioremediation (f/k/a PRB)	Tetra Tech	 1st Injection – December 2015 2nd Injection – March 2016 	 Monitoring – December 2015 – August 2016 Study Report – October 2016 	75%
1.6	Treatability Study : Soil Flushing	Tetra Tech	• System Start-up – December 2015	 Extending schedule due to low infiltration rates Monitoring December 2015 – July 2016 Study Report – October 2016 	75%
1.7	BHRA / SLERA	Ramboll Environ	 BHRA: Soil COPC interim Report submitted 5/5/15; Meeting re: report held with NDEP on 7/15/15. SLERA: Revised SLERA work plan submitted to NDEP on 7/6/15 and approved by NDEP on 8/14/15. 	 Data evaluation and technical analyses in progress (both studies). BHRA Data Usability Evaluation and Exposure Unit Assessment Report due for submittal to NDEP June 30, 2016. 	40%
1.8	Groundwater Modeling	Ramboll Environ	 Submitted Phase 4 Model and Report as attachment to 4/29/16 Semi-Annual Performance Report. 	 Compiling data for and initiating development of transient groundwater model (i.e., Phase 5 model). 	10% (Phase 5 model)



NERT REMEDIAL INVESTIGATION

	TASK	LEAD	COMPLETED SUBTASKS	CURRENT STATUS	TASK PROGRESS
1.9	RI Data Evaluation and Reporting	Ramboll Environ	 Submitted RI Data Evaluation Tech Memo and Phase 2 Field Investigation Work Plan on 5/2/16. 	 RI Data Evaluation Tech Memo and Phase 2 Field Investigation Work Plan under agency review. Distribution of hard copies of report. 	95%





Soils Investigation Units 4 & 5

- 1st Mobilization Investigation Unit 4 October/November 2015
 - Four perimeter borings to 90 feet
 - Groundwater grab samples @ 50, 70, and 90 feet; Results discussed at annual meeting
 - Technical Memorandum distribution Mid-May
- Unit 4 Cell Building Demolition
 - Crew mobilization mid-March
 - Vibration monitoring array installed Mid-March
 - Crack repair completed April 22
 - Perimeter saw cutting started April 22, on-going
 - Demolition started April 13, on-going
- Project timeline
 - Cell deck demolition and ramp construction to be completed by end of June
 - 2nd Mobilization Investigation, July to November
 - 3rd Mobilization, Spring 2017



Soils Investigation Units 4 & 5









NERT REMEDIAL INVESTIGA MAY 4, 2016 STAKEHOLDERS CALL	ATION : DOWNGI	RADIENT STUDY	AREA

NERT DOWNGRADIENT STUDY AREA INVESTIGATION (NDEP-LEAD)

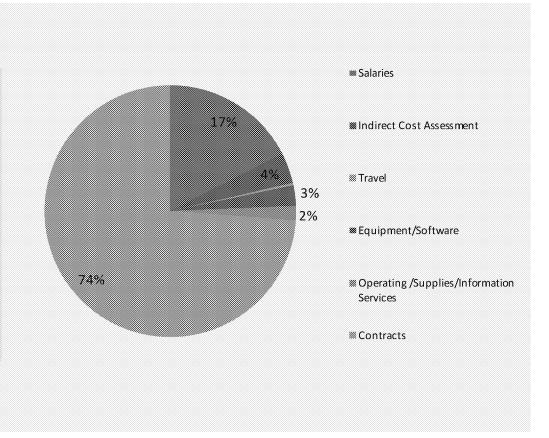
	TASK	COMPLETED SUBTASKS	CURRENT STATUS	TASK PROGRESS
130	General Plans / Support Activities	 QAPP HASP Baseline Schedule Access Agreements for Phase 1 of Investigation 	All tasks complete for Phase 1	70%
140	Initial Groundwater Sampling	 Initial Groundwater Sampling Plan Field work (60 wells completed in April) 	 Laboratory Analyses, Data Interpretation and Reporting Analyses of 60 wells and associated QC samples (May 2016) All Laboratory Data validated by June 2016 Draft Tech Memo in July 2016 Final Tech Memo in August 2016 	60%
150	Initial Surface Water Sampling and Analysis Plan	Initial Surface Water Sampling and Analysis Plan	 Site mobilization scheduled week of May 9th Draft Tech Memo in July 2016 Final Tech Memo in August 2016 	60%
160	Geophysics Investigation Pilot Test	Draft pilot test plan in internal (AECOM) review	 Final draft work plan in May 2016 Field work in August 2016 Draft Tech Memo in October 2016 Final Tech Memo in November 2016 	20%

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NERT DOWNGRADIENT STUDY AREA INVESTIGATION (NDEP-LEAD)
OCTOBER 1, 2015 – MARCH 31, 2016

10/1/15 Front Funding Balance	1,341,404.84
Salaries	68,015.83
Indirect Cost Assessment	15,453.94
Travel	1,214.88
Equipment / Software	10,253.89
Operating / Supplies / IT	7,165.53
Contracts	287,577.43
Total Spent 10/1/15-3/31/16	389,681.50
3/31/16 Front Funding Balance	951,723.34





NERT REMEDIAL INVESTIGATION: PHASE 2

MAY 4, 2016 STAKEHOLDERS CALL



NERT RI DATA GAPS

Key Issues

- **Upward perchlorate migration from the UMCf into the alluvium.** Data are needed to understand the mass and vertical extent of COPCs within the UMCf at the Site and in off-site areas, to better estimate the time required for cleanup.
- Previously saturated alluvium wells in the northern portion of the Site have become dry. Existing alluvium wells along the future Site boundary are now dry, and deeper wells completed in the UMCf are needed to complete the downgradient boundary monitoring network.
- COPC mass in the UMCf upgradient of the IWF/Barrier Wall. Soil flushing is being considered in areas upgradient of the IWF, where perchlorate concentrations are relatively high. Additional characterization of the vertical extent of perchlorate and other COPCs in this area is needed to improve mass estimates and better assess the potential for impacts from back diffusion.
- The extent of VOC impacts around the trespassing DNAPL plume at the Site
 is unknown. Additional data are needed to characterize the extent of soluble
 DNAPL constituents, particularly chloroform, into the Site.



ADDITIONAL DATA GAPS - NERT SITE

Downgradient Site Boundary:

 Deeper UMCf wells at the future downgradient Site boundary to support the proposed RAO of on-site groundwater control.

Northern Site Area:

- Characterization of COPCs in soil between the IWF/Barrier Wall and the downgradient Site boundary to assess whether soluble mass can be removed from this area.
- Deeper UMCf monitoring wells upgradient of the IWF to delineate vertical extent of perchlorate where shallow well concentrations are high.
- Investigation of soil and groundwater west/northwest of GW-11, where alluvium is unsaturated and few data are available.

Central Site Area:

- VOC delineation in soil and groundwater around the trespassing DNAPL plume in the Middle WBZ.
- Evaluation of COPCs in shallow groundwater where soil impacts have been identified near well M-21 (which is dry).

Focused Sampling for Specific Groundwater COPCs:

Dioxins/furans, total cyanide



ADDITIONAL DATA GAPS - OFF SITE

Off-Site NERT RI Study Area

- Monitoring wells in the downgradient Pittman neighborhood, both shallow and deep, to better delineate perchlorate mass to gain a greater understanding of the approximate duration of remediation (includes the area between Warm Springs Road and Boulder Highway).
- Sampling of new monitoring wells in the Pittman neighborhood for VOCs to better understand the extent of chloroform impacts to shallow groundwater and the potential for vapor intrusion of chloroform in this area.
- Slug testing of wells to provide hydraulic characterization in the areas outside the paleochannels, where perchlorate concentrations are highest.
- Groundwater sampling for potential "tracer" chemicals (e.g., chlorate or nitrate).

Near the SWF and Las Vegas Wash

 Sampling of shallow soils near and east of the seep near the Las Vegas Wash, specifically soils which may have been contaminated when the seep was previously flowing.



PROPOSED RI PHASE 2 INVESTIGATION

NERT Site

- 57 soil borings to a maximum depth of 130 feet
- Analysis for perchlorate, chlorate, metals, VOCs, SVOCs, PAHs, PCBs, dioxins/furans, radionuclides, nitrate, nitrite, and moisture content.
- 48 new monitoring wells (10 shallow wells screened across the water table, 17 in the deeper Shallow WBZ UMCf, and 21 in the Middle WBZ UMCf)
 - Analysis for perchlorate, chlorate, dissolved metals, VOCs, PCBs, dioxins/furans, radionuclides, major ions, and geochemical parameters.

Off-Site NERT RI Study Area

- 14 soil borings to a maximum depth of 90 feet
 - Analysis for perchlorate, chlorate, chromium, VOCs, nitrate, moisture content, and soil physical properties.
- 31 new monitoring wells (20 shallow alluvium wells, 6 in the deeper Shallow WBZ UMCf, and 5 in the Middle WBZ UMCf)
 - Analysis for perchlorate, chlorate, dissolved metals, VOCs, major ions, and geochemical parameters.



PROPOSED PHASE 2 INVESTIGATION

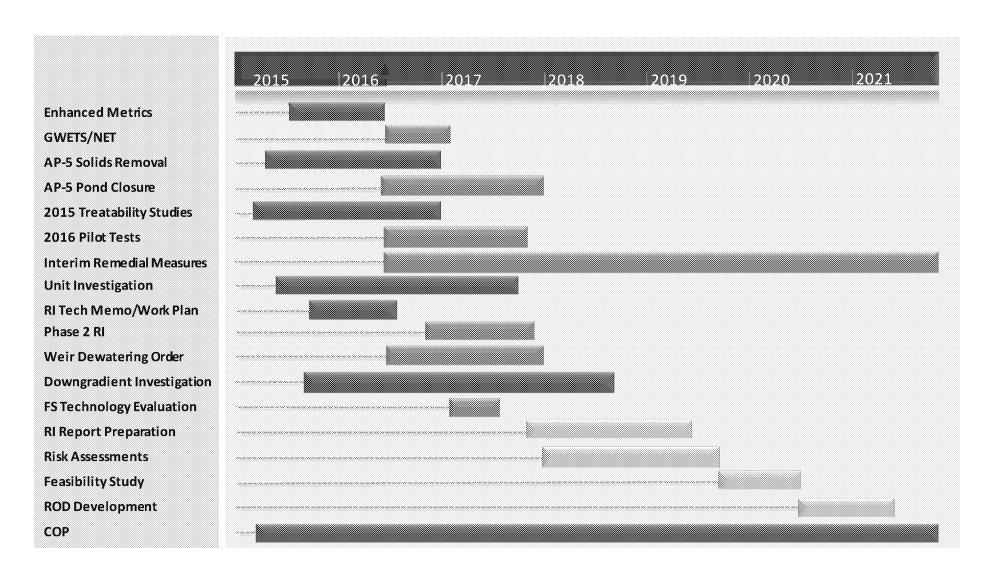
Next Steps: Receive comment from NDEP, US EPA, and NERT Stakeholders Revise Work Plan (as necessary) Prepare and submit implementation budget Schedule and implement

SUMMARY OF KEY DOCUMENTS (MAY – DECEMBER 2016)

- Unit Building 4 and 5 1ST Mobilization Tech Memo
- Downgradient Initial Groundwater Sampling Tech Memo
- Downgradient Initial Geophysical Pilot Tech Memo
- > In-Situ Chromium Treatment Pilot Study Work Plan
- Soil Gas Parcels Risk Assessment
- Parcels Soil Removal Work Plan
- SWF Source Quantification Report
- Soil Flushing Treatability Study Tech Memo
- Central Retention Basin Soil Flushing Pilot Study Work Plan
- Groundwater Bioremediation Treatability Study Tech Memo
- SWF Groundwater Bioremediation Pilot Study Work Plan
- > Annual Remedial Performance Report
- Soil Parcels Risk Assessment
- Parcel A/B Perchlorate Removal Options Evaluation



REMEDIAL PROGRAM SCHEDULE





NERT

NERT CONTINUOUS OPTIMIZATION PROGRAM

MAY 4, 2016 STAKEHOLDERS CALL



CONTINUOUS OPTIMIZATION PROGRAM (COP)

OBJECTIVES

Optimize the GWETS

Utilize 85% of available FBR treatment capacity

Increase perchlorate mass removal from the environment

Integrate with and advance the remedial process

TARGET 2016 INCREASES IN
PERCHLORATE REMOVAL RATE
~ 30 %

2016 COP INITIATIVES

	TASK	EFAD	CURENT STATUS	NEXT STEPS	TASK PROGRESS
1	Infrastructure Improvements	ETI	NERT to implement the following upgrades: Replace LS-3 Submersible Pumps Replace LS-2 Backup Pump Replace ART-8 / ART-9 Well Pump Lower ART-7B Well Pump Complete SWF and IWF Well Pump Removal/ Characterization	All elements on-line by August	5%
2	AWF Extraction Rate Adjustments	NERT	NERT to finalize target rates; Review of VFD benefits	Extraction adjustments begin in July following pump installations in extraction wells and LS-3	5%
3	AP Area IRM	Tetra Tech	Conceptual plan for soil flushing in former AP Area under development.	 Preparation and presentation of conceptual plan 	10%
4	GWETS/NET Development	NERT	 Web developer selected Preparing TIMET and railroad access agreements and scheduling construction of fiber optic line. 	 Fiber install in June; web development begins ASAP. Rollout date still TBD 	10%

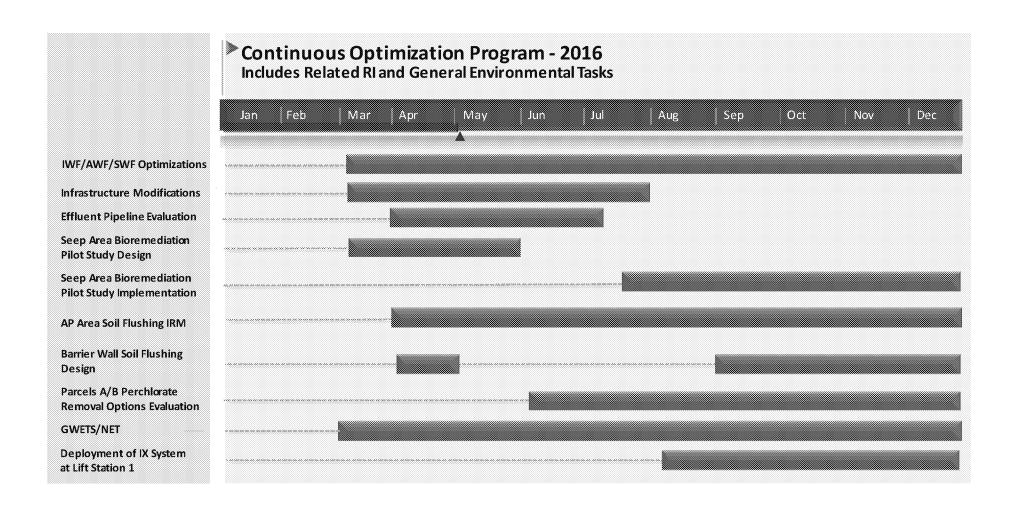


2016 COP INITIATIVES

	TASK	EAD	CURENT STATUS	NEXT STEPS	TASK PRØGR a ss
5	IX Treatment System Deployment at LS-1	ETI	NERT provided comment on draft ETI proposal; NERT to distribute final proposal to NDEP, EPA, and Stakeholders for comment.	 Implementation following NDPES Permit Issuance (August – September). 	5%
6	SWF Groundwater Bioremediation Pilot Study	Tetra Tech	Pilot Study work plan under development.	 Pilot Study Work Plan to be submitted by end of May. 	80%
7	Barrier Wall Soil Flushing Design	NERT	 Investigation activities proposed as Phase 2 RI to improve perchlorate mass estimates in vadose zone and collect data to evaluate groundwater extraction alternatives. 	 Implement scope included in Phase 2 RI Work Plan. Complete conceptual plan of soil flushing system. 	10%
8	Parcel A/B Alternate Groundwater Extraction Evaluation	ETI	 Data evaluation underway. Technical team will convene meeting to shortlist potential extraction technologies for evaluation in late May. 	 Development of Extraction Evaluation Report in Fall 2016. 	5%



2016 COP SCHEDULE





NERT

NERT GWETS STATUS

MAY 4, 2016 STAKEHOLDERS CALL



GROUNDWATER EXTRACTION AND TREATMENT SYSTEM KEY COMPONENT STATUS

GWETS COMPONENT		STATUS
Extraction Wells	Condition Normal	All upgrades in-place (transducers, flow meters, and valves). Design of AWF improvements underway.
Lift Stations / Pipelines	Condition Normal	Trust review of ETI design/cost to install new pumps at LS-3 and LS-2 (back up only).
GW-11 : Volume	43.33 MG ~13 days available	Desired available volume > 18 days.
GW-11 : Extraction Systems	Condition Normal	Automatic filter operation restored after seasonal Boatman lifecycle.
GW-11: Leak Detection Systems	Pump in NW wells requires reset at lower depth	Leakage rate within acceptable NDEP limits; NE pump has been reset.
Chromium Treatment Plant	Condition Normal	New effluent pump installed to improve throughput.
Biological Treatment Plant	Condition Normal	FBR 5/6 rehab complete; FBR 7/8 rehab underway prior to AP-5 processing.
Ion Exchange Treatment Plant	Permitting/Procurement	Implementation pending NPDES renewal.
Effluent Pumps / Pipeline	Condition Normal	

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM PERCHLORATE REMOVED FROM THE ENVIRONMENT

- > SWF
 - $> 1^{st} Qtr = 3 tons$
 - > Since Inception = 466 tons
- > AWF
 - > 1st Qtr = 18 tons
 - Since Inception = 1,633 tons
- > IWF
 - > 1st Qtr = 22 tons
 - > Since Inception = 2,548 tons
- > Total
 - > 1st Qtr = 43 tons
 - > Since Inception = 4,637 tons

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
COMPREHENSIVE GWETS AUDIT

On-Site Audit Performed by Environmental Consulting and Technology Group 2/29 – 3/4.

Report to be submitted to NDEP, US EPA, and NERT Stakeholders by 5/31.

Preliminary report indicated the GWETS physical condition and Envirogen's staff and operation of the plant are all generally acceptable.

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
SNWA WEIR DEWATERING PROJECT

- NDEP issued Finding and Order to NERT on April 12, 2016.
 - Within 10 days submit reply which states NERT's intention to comply with the Order.
 - Within 30 days provide NDEP and US EPA with a work plan and budget for the performance of the Engineering Evaluation/Cost Analysis (EE/CA).
 - Within 90 days of budget approval submit an EE/CA that evaluates cost, feasibility, schedule, and permitting requirements for transferring and treating groundwater extracted during SNWA Weir construction dewatering.
 - Within 30 day of EE/CA approval submit NPDES permit application to discharge treated water.

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM 2016 PERMIT MODIFICATIONS

- NPDES Permit Renewal
 - NERT provided comments on Draft Permit to NDEP BWPC and is awaiting revised Draft Permit; US EPA review.
 - Discharge flow rate increases from 1.75 MGD to 2.80 MGD.
 - Expect NPDES Permit issuance in late August/September.
- New NPDES Permit Application
 - > To begin upon and approval of EE/CA and NERT project implementation budget
- Groundwater Permit Renewal
 - > Draft permit pending and may be combined with NPDES permit
 - Following AP-5 Pond solids removal and closure, GW-11 will be single remaining source under the groundwater permit
- > Air Permit
 - > Permit to be revised consistent with the NPDES permitted flow rate





Current GWETS Projects 2014 Enhanced Metrics

- Project Complete
- Capture and track 82 additional metrics for ongoing evaluation and will support the COP
- Project Included
 - New PLC control panels at three Lift Stations and two at IWF site
 - New workstations in control room and ETI trailer
 - Real-time levels new transducers in 47 wells
 - Real-time flow new flow meters 30 wells, connected existing flowmeters 17 wells
 - New control wires in buried conduit, radio control systems, modern controls
 - New flow meter at LS2
 - Trend screens on flow and level, each well

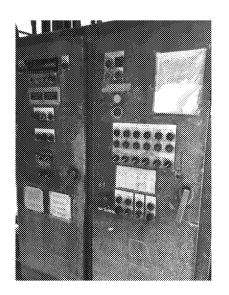
Timeline

- Data capture since mid-November
- Control Transfer January / February 2016
- Troubleshooting installed flow meter at LS2 (transient issues)
- Additional Enhancements requested by Operator: screen graphics, operator controls, etc. Summer 2016
- Web display of key metrics, Summer/Fall 2016

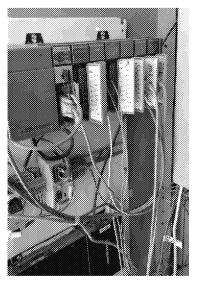
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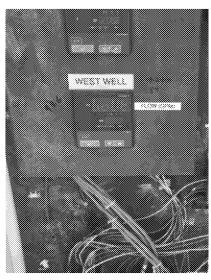


Before



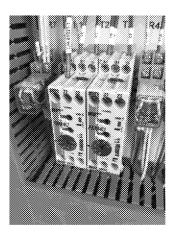
Current GWETS Projects 2014 Enhanced Metrics

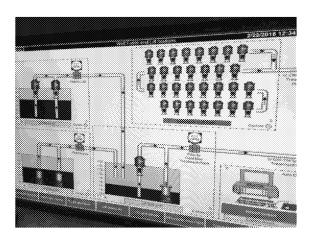












CLEAR SOLUTIONS



Current GWETS Projects AP-5 Solids Removal

- Design parameters for pond mixing and transfer refined and tank mixing system requirements verified
- Laboratory solids washing tests finalized
- Completed design packages for secondary containment and process tanks
- Completed technical specifications and bid packages for process tanks and tank mixers; Finalized awards for both the process tanks and tank mixers
- HAZOP of pond mixing and slurry removal operations conducted in March 2016
- Engineering safety review conducted on preliminary P&ID for refined design with three process tanks
- Supplemental beach washing completed to submerge exposed sediments
- Grading permit obtained and construction of secondary containment area initiated
- Building permit submitted and under review



Current GWETS Projects AP-5 Solids Removal

Project timeline

- Secondary containment construction initiated; subgrade preparation to be completed: May 2016
- Begin construction of stainless steel process tank foundations: May 2016
- Field test to confirm selection of air operated diaphragm pumps and mixing equipment: May 2016
- Process Hazard Analysis: June/July 2016
- Begin stainless steel tank construction: July 2016
- Complete stainless steel process tank construction:
 November 2016
- Initiate in-pond mixing: November 2016
- Complete sediment removal: December 2016

Summer Stakeholder Technical Roundtable Meeting?

Q&A?

Thank you.

